

I claim:

1. In combination with a telecommunications system and a data processing device providing telecommunications applications, each of the telecommunications system and the data processing device having a switching network for through-connecting a respective telecommunications application to a user connected to the telecommunications system, a connection device for connecting the telecommunications system to the data processing device directly connected to the respective switching networks.

2. The combination according to claim 1, wherein said connection device is configured to perform a bi-directional conversion between a data format supported by the switching network of the telecommunications system and a data format supported by the switching network of the data processing device.

3. The combination according to claim 1, wherein said connection device in each case interconnects at least one time slot of the respective switching networks.

4. The combination according to claim 1, wherein said connection device is configured to implement voice data

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applications between the telecommunications system and the data processing device.

5. The combination according to claim 1, which further comprises a virtual subscriber set up in the telecommunications system and assigned to said connection device, for controlling said connection device.

6. The combination according to claim 1, which comprises a separate connection configured to transmit control and monitoring information between the telecommunications system and the data processing device according to the CSTA protocol.

7. The combination according to claim 1, wherein said connection device is a separate device.

8. The combination according to claim 1, wherein said connection device is implemented as an interface unit in the data processing device.

9. In a connection between a telecommunications system and a data processing device providing telecommunications applications, each of the telecommunications system and the data processing device having a switching network for through-connecting a respective telecommunications application to a

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user connected to the telecommunications system, the improvement which comprises a connection device for connecting the telecommunications system to the data processing device directly connected to the switching network of the telecommunications system and to the switching network of the data processing device.

10. The connection according to claim 9, wherein said connection device is configured to perform a bi-directional conversion between a data format supported by the switching network of the telecommunications system and a data format supported by the switching network of the data processing device.

11. The connection according to claim 9, wherein said connection device in each case interconnects at least one time slot of the respective switching networks.

12. The connection according to claim 9, wherein said connection device is configured to implement voice data applications between the telecommunications system and the data processing device.

13. The connection according to claim 9, which further comprises a virtual subscriber set up in the

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telecommunications system and assigned to said connection device, for controlling said connection device.

14. The connection according to claim 9, which comprises a separate connection configured to transmit control and monitoring information between the telecommunications system and the data processing device according to the CSTA protocol.

15. The connection according to claim 9, wherein said connection device is a separate, standalone switching device.

16. The connection according to claim 9, wherein said connection device is implemented as an interface unit in the data processing device.

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